**CHITKARA UNIVERSITY**

**FORMATIVE ASSESSMENT-4**

PROJECT DETAILS TEMPLATE

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| Group Name | **Group 02** |
| Project Title | Saplings : Online Nursery |
| Team Leader | Sanskriti , Roll no.:2010991712 |
| Details of Work division | |  |  | | --- | --- | | **Student/rollno** | **Work / Role Allotted** | | Sana Gupta | Contact Us form , Gallery, Product Description Page | | Sanskriti | Homepage,Shopping Cart,Login/SignUp | | Shreya Chandorkar | Homepage,Shopping Cart,Payment Gateway | | Smridhi | FAQ, Gallery, Product Description Page | |
| High level Approach to be followed:   * Share the details in points | * Saplings is an online nursery with the goal to develop a web based interface for selling plants online. This shopping website is easy to use and hence make the shopping experience pleasant for the users. * Our goal is to develop an effortless website where users can choose from a wide range of plants according to their choice. * With pocket-friendly prices and amazing dicounts,one can buy good-quality and fresh plants. * Our website aims to create a journey from time-cosuming and tiring to hassle-free and effortless shopping. * There is an image slider which gives the user many reasons to have plants at home. * Saplings provide a large variety of plants of the following types: Adenium, succulents, vines and creepers, indoor plants, cactus, bonsai, flowering and orchids. A brief description about the types of plants is given on the home webpage. * The users first need to login in order to continue shopping. There is a login page and also a sign up page in case the user does not have an account. * Also the customer can approach us by clicking on the contact us form given in the navigation bar. * We also provide the customers a gallery of pictures of plants. * We also provide a faq section where all the queries of the customer are answered. * Towards the middle of our home webpage the users can find some of the items on sale. * Towards the end (footer) the customer comes to know about Saplings and can also interact with us through various means. Customers can also subscribe to our newsletter. Also there are various links given in the footer to direct the customers to different parts of our website. We have also mentioned about the various payment methods that the customers can use to do the payment. * When the user clicks on any of the plants variety he/she is directed to a new page which further contains plants of that particual variety with their name, price and an add to cart button. On clicking on the image of one of the plants he/she is directed to a new page where all the details of that particular plant is given. * If the customer wants to add that particular item on the cart he/she can do so by clicking on the button and that particular item is added to the cart. On clicking the cart button on the top right corner the customer can see the added items and can also increase/decrease the quantity of the items. The total amount is displayed below. On clicking the checkout button the customer can proceed to checkout and fill his/her credentials in the payment gateway form. * Happiness is buying new plants and we here at Saplings to provide you this lifelong happiness. |
| Lower level Approach to be followed:   * Share the details in points | * The basic structure of Saplings is composed of html,css and javascript. * The home page starts with a nav bar and image slider , which is made by using many hml,css and javascript components.The responsive image slider auto plays after 4s with the use of javascript functions. * The plant sections on the homepage comprise of html and simple yet elegant css. On hovering,the images of products on sale change and the cards flip,with the help of css. Towards the bottom, the footer is comprised of basic html and css. * On clicking the plant section on homepage, a new webpage opens containing the plants of that particular section.Further these plant webpages are built using html, css and javascript.These web pages have pleasing plant backgrounds added using background-image css. On clicking the beautiful images of plants , it leads to the description page built using html and css. * The description page provides various facts about the plant species. It consists of tables, icons and review stars. * The working of shopping cart was made possible because of javascript, where the count of plants to be bought can be changed accordingly.It is built using many event listeners and functions.If we add an already added product in the card and upon checkout, alert boxes are displayed. * The responsive payment gateway , login/sign up page,contact us page and the faq section are built using html and css. Further validations and regular expressions are added in the login/Sign Up form.Customers can reach us through the contact form and can ask their queries in the FAQ section. |
| Advantage of the project with applicability:  Highlight the unique feature(s) of the project if any | * **Convenience**   Online buying has become an important part of many people’s lives**.**Comfort is the benefit of ordering plants online that you will surely adore. You don't have to stroll from here and there between local nurseries to buy a plant of your choice. Offline shopping of plants is so tiring, but when you opt for the online option, only a few clicks and taps will make the plant available for you. Variety The second benefit of ordering plants from Saplings is that you will have plenty of options to choose from. From [flowering plants](https://www.floweraura.com/plants/type/flowering) to cactus plants, from adenium to indoor plants, options are countless. The choice of plants available in the physical/local plant nursery is limited and outdated, owing to several factors. Doorstep Delivery One more great benefit of ordering plants Saplings is that you will get doorstep delivery of the product. By ordering plant from Saplings, you can eliminate the humdrum of taking the plant home with care. And not just that, to please the customers, Saplings also promise to deliver on-time. Quality Most of the people hesitate to buy or order plants online because it is not possible to check the quality of the plants physically. The talk is real and genuine, but we want to throw some light on this. We are also doing business, and if we don't provide quality products, the business won't survive for long. Less Expensive Ordering plants from Saplings is also less expensive. The competition is really high between online nurseries which leads to competitive prices of all types of plants.So we try to offer the best deals possible and that too at reasonable prices.   * **Informative:**   You are bound to get information about plants even though you buy them or not.From plant family to genus, from plant description to their care instructions, you will get all the particulars regarding them.   * **Assurance:**   It can be totally heartbreaking to see damaged or dead houseplants you ordered online.But we assure you to provide you with fresh plants. Also, we assure you to provide you the plants you expected based on product photos.   * **Discounts:**   We provide you the best deals and offers on plants as compared to other sites. Usually there are products on sale too. |
| Schedule for implementing the use case:   * Share the Tentative Date of Completion of Expected Deliverables | |  |  | | --- | --- | | **Deliverable** | **Expected Date of Completion** | | Data-Collection | Mid-March,2021 | | Design-Template | March-end,2021 | | Coding and implementation | March 31-May1,2021 | | Deployment of Project online | June,2021 | |
| Future scope of the project   * Share the details in points | * “**To plant a Garden is to believe in tomorrow**”. Saplings help you to create a green and healthy tomorrow. * Giving your house a homely warmth with plants, all while breathing in crispy, fresh air in the comfort of your own room. **Saplings offer wide range of plants at affordable prices.** * The future of the earth is dependant on plants, We too depend on them. From climate change to global warming, from pollution to melting of glaciers, these worldly issues could only be resolved by planting more and more plant. Thus, **Saplings is here for you , with you to make our mother Earth a better place to live in.** * The world today has a great sense of fashion in everyday work. To make it clear, people love to live a life in a beautiful surrounding and one of **the best way to make better surroundings is with the help of flowers and plants.** * Also with the ongoing pandemic people are becoming more aware of their health and plants play an important role in that. Therefore **nursery business has a great scope in future.** * Saplings,thus, provides the benefit of ordering plants from the comfort of home which is another reason it has a **great scope in future.** |

**DOCUMENT HISTORY:**

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